

Patent Abstracts of Japan

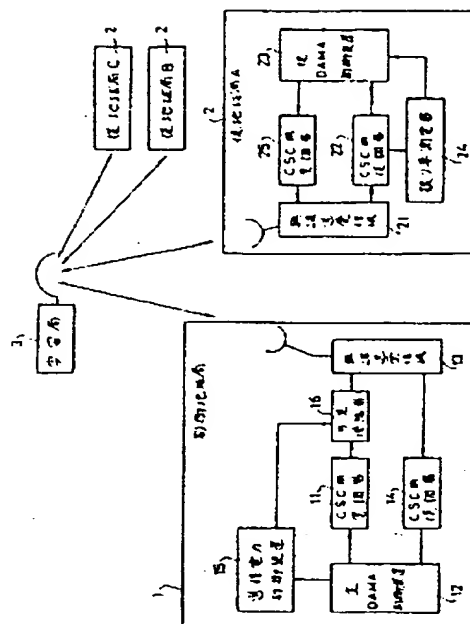
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TITLE : TRANSMISSION POWER CONTROL SYSTEM



ABSTRACT : PURPOSE: To attain the simplification of structure and low pricing by attaching a function to measure an error rate on a slave earth station, and attaching a function to control a transmission power based on the error rate on a control earth station.

CONSTITUTION: The function 24 to measure the bit error rate of a common signal channel always receiving from the control earth station 1 and the functions 23, 25, and 21 to respond to the inquiry of the bit error rate from the control earth station are provided on the slave earth station 2. Also, the functions 13 and 14 to receive the information of the bit error rate from the slave earth station 2 and the functions 12, 15, and 16 to select the minimum bit error rate by comparing received bit error rates and to control the transmission power so as to increase the sending power of the control earth station 1 when the value exceeds a reference value and to decrease it when the value is less than the reference value are attached on the control earth station 1. In such a way, it is possible to dispense with a beacon signal receiver, a pilot signal receiver, and a pilot signal transmitter, and to simplify the device and to reduce a price.

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